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was elected Curator, thus filling the vacancies caused by the death of Mr. Cassin.

The following gentlemen were elected members :

R. J. Levis, M. D., John J. Stevenson, Wm. M. Wilson, and Caleb S. Hallowell.

The following were elected correspondents :

Col. E. B. Carling, U. S. A. ; Wm. Blackmore, of London.

Feb. 9th.

MR. JOS. JEANES in the Chair.

Twenty-two members present.

Feb. 16th.

DR. RUSCHENBERGER, Vice-President, in the Chair.

Thirty-four members present.

The following paper was presented for publication :

Note on Microscopic Crystals contained in some minerals. By Isaac Lea.

The death of Chas. N. Bancker was announced.

Professor Cope made some remarks on a new series of fossils, from the lime stone caves in the Southern States. He enumerated the species of extinct mammals, reptiles and fishes, discovered by him in the lime-stone breccia, which is the remnant of a cave in Wythe Co., Virginia.

He gave twenty species of mammalia, of which nine only could be demonstrated to be different from existing species. These were *Megalonyx Jeffersonii*, *Stereodectes tortus* Cope, *Dicotyles nasutus*, *Mixophagus spelaeus* Cope, gen. et sp. nov., *Sciurus panolius* Cope, sp. nov., *Tamias laevidens* Cope, sp. nov., *Tapirus haysii*, *Ursus amplidens*, *Hemicis perdicida* Cope, sp. nov. *Stereodectes* was stated to be based on incisor teeth, which are more solid than in existing allied genera. Its pulp cavity is almost entirely closed throughout a large part of the length of the tooth. General character similar to those of the Marmot; size that of the porcupine.

Feb. 23d.

The President, DR. HAYS, in the Chair.

Thirty-six members present.

The report of the Biological and Microscopical Section was presented.

The following gentlemen were elected members : Wm. Dutty, Gen. Hector Tyndale, Charles Morris, Theodore Cuyler.

On favorable report of the Committee, the following paper was ordered to be published :

1869.]